

Ingo Smaglinski
Optical Modifier and Method for the Manufacure
059-04

I. SMAGLINSKI

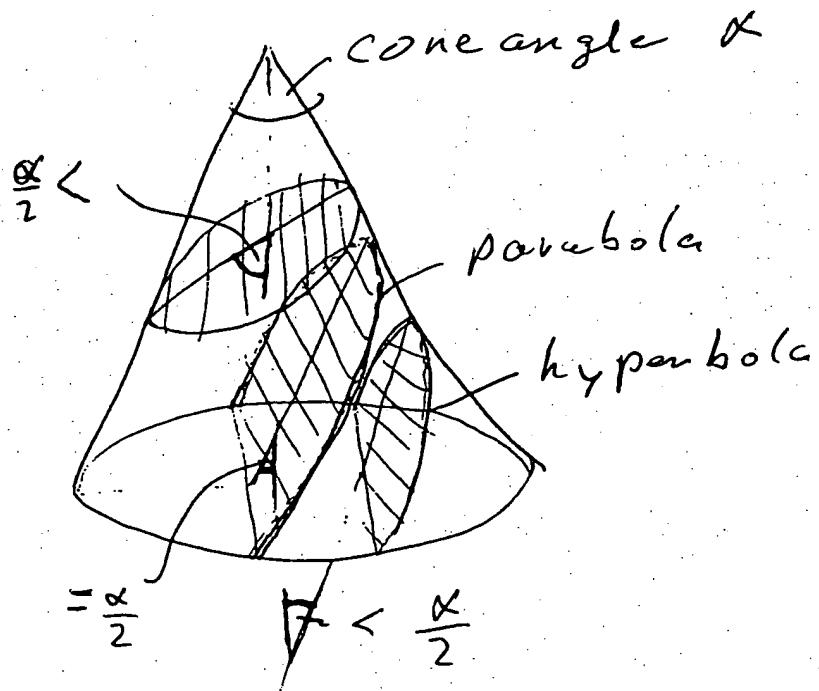


Fig 22

BEST AVAILABLE COPY

Ingo Smaglinski
Optical Modifier and Method for the Manufacture
059-04

I. SMAGLINSKI

- I. Manufacture at least two coupling devices with a reflected surface as part of a surface of revolution with a cone section as the generating curve of the envelope by means of turning or milling and/or polishing
- II. Manufacture of a limit stop surface in the same (chuck) clamp in which the reflecting surface was turned or milled by turning perpendicular to the axis of rotation of the reflecting surface
- III. Arrange a wave modifying element in the beam path and between the least two coupling devices such that the light signal reflected from one coupling device is directed on the other coupling device

Fig. 23

BEST AVAILABLE COPY

- I. Fabricate several negatives or respectively mould tools with a surface as part of a surface of revolution with a cone section as the generating curve of the envelope
- II. Setting out an area on the negatives, such that the moulded positives have at least one limit stop
- III. Setting out the negatives or the moulding tools, such that the moulded parts are provided with a carrier and a coupling device arranged thereupon.
- IV. Setting out negatives or the moulding tools, such that spacers are arranged on the carrier of the moulded part
- V. Arrange the moulding tools adjacently so that in one moulding step several coupling devices can be manufactured at the same time
- VI. Manufacture two optical modifier at the same time by moulding said mould tools
- VII. Arrange at least two mould parts, each composed of carriers and at least one coupling device on two opposite sides of a plate, said plate is composed of a material transparent to the transmitted light.
- VIII. Arrange at least one wave modifying element on the plate.

Ingo Smaglinski
Optical Modifier and Method for the Manufacture
059-04

I. SMAGLINSKI

Fig. 24